Contents

Volume 8 Number 1 January/February 1993

Liver and Biliary

1 Short and long-term effects of interferon on serum markers of hepatic C virus replication *H. Yatsuhashi, O. Inoue, K. Inokuchi, M. Koga, S. Nagataki, T-A. Cha, B. Irvine, M. Stempien, J. Kolberg, M. S. Urdea and M. Yano*

7 Spontaneous occurrence of autoimmune cholangitis in senescent mice *K. Kanda, M. Onji and Y. Ohta*

15 Changes of hepatic and systemic haemodynamics following somatostatin administration in patients with hepatitis B-related cirrhosis *H-C. Hsia, H-C. Lin, F-Y. Lee, Y-T. Tsai, S-D. Lee, H-C. Meng, Y. Chao, S-S. Wang and K-J. Lo*

21 Differential regulation of ferritin H and L subunit mRNA during inflammation and long-term iron overload *B. A. Leggett, L. M. Fletcher, G. A. Ramm, L. W. Powell and J. W. Halliday*

28 Bacterial biofilm, brown pigment stone and blockage of biliary stents *J. Y. Sung, J. W. C. Leung, E. A. Shaffer, K. Lam and J. W. Costerton*

35 Emergency endoscopic nasobiliary drainage for acute calculous suppurative cholangitis and its potential use in chemical dissolution *X-Z. Lin, K-K. Chang, J-S. Shin, C-Y. Lin, P-W. Lin, C-Y. Yu and T-C. Chou*

39 Quantitative immunohistochemical analysis of lymphocyte subsets in alcoholic liver disease *Y. Sakai, N. Izumi, F. Marumo and C. Sato*

Alimentary Tract and Pancreas

44 Therapeutic upper gastrointestinal endoscopy in children: An audit of 443 procedures and literature review *A. S. Goenka, M. S. DaSilva, G. J. Cleghorn, M. K. Patrick and R. W. Shepherd*

52 Protective effect of a cephalosporin, Shiomarin, plus a new potent protease inhibitor, E3123, on rat taurocholate-induced pancreatitis *T. Hirano, T. Manabe, K. Imanishi and T. Tobe*

60 Gastrointestinal involvement in homocystinuria *Y. Ilan, A. Eid, A. I. Rivkind, D. Weiss, Z. Dubin and S. Yatziv*

63 Significant changes in intestinal lymphatic system and immune response elicited by Peyer's patch excision in adult rats *H. Serizawa, S. Miura, H. Tashiro, H. Imaeda, H. Shiozaki, S. Tanaka, M. Yoshioka, M. Ohara, T. Hibi, A. Yamashita and M. Tsuchiya*

Current Clinical Practice

70 Current management of inflammatory bowel disease *W. Selby*

84 The liver in systemic lupus erythematosus *B. A. Leggett*

Review Articles

89 Pathogenesis and assessment of malnutrition in liver disease *D. H. G. Crawford, R. C. Cuneo and R. W. Shepherd*

95 The role of hepatitis B virus in development of primary hepatocellular carcinoma. Part II. *W. S. Robinson*

Case Reports

107 Verrucous carcinoma of the oesophagus and achalasia *E. Roach and G. Barr*

110 Colonic malacoplakia: Unusual association with ulcerative colitis *I. O. L. Ng and M. Ng*

Brief Communication

116 Bacterial invasion into the colonic mucosa in ulcerative colitis *T. Ohkusa, I. Okayasu, S. Tokoi and Y. Ozaki*

119 **Book Reviews**

121 **Notices**

Volume 8 Number 2 March/April 1993

Alimentary Tract and Pancreas

123 The role of luminal factors in prostaglandin protection against ethanol-induced gastric mucosal injury *C. Malcontenti-Wilson, F. J. Andrews, W. Silen and P. E. O'Brien*

128 High prevalence of duodenal ulcer in Indochinese immigrants attending an Australian university hospital *S. D. Kolt, I. J. Kronborg and N. D. Yeomans*

133 Diagnosis of gastric adenoma versus early gastric cancer by Bromodeoxyuridine immunohistochemistry from gastric biopsy specimen *H. Miwa, R. Wada, H. Abe, R. Ohkura, S. W. Yang, H. Watanabe, T. Ogihara, T. Hamada and N. Sato*

Liver and Biliary

138 Biliary bile acids in the gall-bladder and the common bile duct of patients with anomalous pancreaticobiliary ductal junction *K. Shimada, K. Chijiiwa, J. Yanagisawa and F. Nakayama*

142 Dipeptidyl peptidase IV is down-regulated in rat hepatoma cells at the mRNA level *G. W. McCaughan, C-L. Siah, C. Abbott, J. Wickson, M. Ballesteros and G. A. Bishop*

146 Prevalence of primary sclerosing cholangitis and other liver diseases in Japanese patients with chronic ulcerative colitis *E. Hashimoto, M. Ideta, M. Taniai, U. Watanabe, H. Okuda, K. Nagasako, T. Hisamitsu and H. Obata*

150 Genotypic subtyping of hepatitis C virus *K. Chayama, A. Tsubota, Y. Arase, S. Saitoh, I. Koida, K. Ikeda, T. Matsumoto, M. Kobayashi, S. Iwasaki, S. Koyama, T. Morinaga and H. Kumada*

157 Measurement of intravariceal pressure by fine needle direct puncture in hepatitis B surface antigen-positive cirrhotic patients: The effect of vasopressin *Y. Chao, S-S. Wang, F-Y. Lee, H-C. Lin, G-H. Lo, Y-T. Tsai and S-D. Lee*

161 Extrahepatic portal vein obstruction in adults detected by ultrasound with frequent lack of portal hypertension signs *N. Sugiura, S. Matsutani, M. Ohto, M. Ebara, M. Yoshikawa, T. Yamaguchi, K. Okuda and M. Miki*

Current Clinical Practice

168 Pruritus and cholestasis: Therapeutic options *D. A. Gillespie and C. R. Vickers*

Review Articles

174 Tumour suppressor genes and colorectal neoplasia *D. J. Koorey and G. W. McCaughan*

185 Selection of patients for liver transplantation *G. W. McCaughan*

Case Reports

195 Subcutaneous seeding of small hepatocellular carcinoma after fine needle aspiration biopsy *N. Yamada, H. Shinzawa, K. Ukai, H. Wakabayashi, H. Togashi, T. Takahashi, N. Seo, S. Ishiyama, M. Tsukamoto and S. Fuyama*

199 Hepatocellular carcinoma in a cirrhotic liver becoming detectable within a month *T. Ezaki, Y. Yoshida, T. Okamura and T. Shirakusa*

202 Hepatic–pericardio–phrenic collateral (natural shunt) in a patient with Budd-Chiari syndrome *J. B. Dilawari, N. Nagpal, Y. K. Chawla, U. Kaur, J. Verma, H. Bali, K. M. Das and S. Suri*

206 **Book Reviews**

207 **Notices**

Volume 8 Number 3 May/June 1993

Editorial

209 Interferon treatment of hepatitis C: Is it virological cure? *C. Liddle*

Liver and Biliary

212 Abnormal prothrombin: Evaluation as a tumour marker and localization in tissues of patients with hepatocellular carcinoma *T. Koda, S. Yamazaki, I. Tamura, H. Nakaba, T. Takao, S. Katayama and O. Kurimura*

217 Ursodeoxycholic acid in the treatment of primary biliary cirrhosis: A short-term, randomized, double-blind controlled, cross-over study with long-term follow up *S-J. Hwang, C-Y. Chan, S-D. Lee, J-C. Wu, S-H. Tsay, K-J. Lo*

224 Significance of sublobular hepatic necrosis in the progression of chronic hepatitis C *K. Kajino, N. Horiike, K. Tanimoto, K. Michitaka, T. Nonaka, K. Kanda, K. Nakanishi, K. Doi, T. Masumoto, B. Matsuura, M. Onji and Y. Ohta*

228 Enhanced production of leukotriene B_4 by peripheral blood mononuclear cells in patients with fulminant hepatitis *F. Asano, H. Moriwaki, Y. Shiratori, Y. Shimazaki, T. Sakai, Y. Koshino, N. Murakami, J. Sugihara, H. Ohnishi, K. Saito and Y. Muto*

232 Epidemiological characteristics of the incidence of hepatitis C virus (C100-3) antibodies in patients with liver diseases in the Inshore Area of the Yangtze River *S. Ito, D-F. Yao, C. Nii, S. Hibino, M. Kamamura, T. Nisikado, H. Honda, I. Shimizu and X-Y. Meng*

238 Liver transplantation for primary sclerosing cholangitis versus primary biliary cirrhosis: A comparison of complications and outcome *S. Strasser, A. G. R. Sheil, N. D. Gallagher, R. Waugh and G. W. McCaughan*

244 Rectal varices in extrahepatic portal hypertension *C. G. Pai, V. Thomas, M. Hariharan, K. V. Nair*

247 Hypothalamic-pituitary adrenal function in end-stage non-alcoholic liver disease *J. A. McDonald, D. J. Handelsman, P. Dilworth, A. J. Conway and G. W. McCaughan*

Alimentary Tract and Pancreas

254 Fluorographic study on the oxidative stress in the process of gastric mucosal injury: Attenuating effect of Vitamin E *I. Kurose, D. Fukumura, S. Miura, M. Suematsu, M. Suzuki, E. Sekizuka, H. Nagata, T. Morishita and M. Tsuchiya*

259 Persistent childhood diarrhoea: Patterns, pathogenesis and prevention *M. Gracey*

267 Doppler-controlled injection treatment of Dieulafoy's disease *D. Jaspersen, C. B. Gaster, Th. Koerner and C-H. Hammar*

270 The interactive role of mucosal T lymphocytes in intestinal growth, development and enteropathy *M. N. Marsh and A. G. Cummins*

Current Clinical Practice

279 Management of non-ulcer dyspepsia *G. R. Locke and N. J. Talley*

287 Management of irritable bowel syndrome *J. E. Kellow and P. R. Evans*

Review Article

294 *Helicobacter pylori* and gastric cancer *A. Nomura and G. N. Stemmermann*

Case Report

304 Multiple 'cysts' in the entire pancreas in a case of cystic adenocarcinoma of the pancreas *K. Suda, Y. Matsumoto, H. Fujii, T. Sekikawa, M. Yamamoto and H. Eguchi*

309 **Book Reviews**

310 **Notices**

Volume 8 Number 4 July/August 1993

Editorials

311 Diagnostic tests for *Clostridium difficile* diarrhoea and colitis: Past, present and future *C. Pothoulakis, i. Castagliuolo and J. T. LaMont*

313 Pancreaticoduodenal arterial aneurysms *L. Wan-Yee*

Alimentary Tract and Pancreas

315 Regional differences in microvascular response in rat intestine during acute elevation of portal pressure *H. Nagata, E. Sekizuka, T. Morishita, S. Houzawa, C. Oshio, S. Miura and M. Tsuchiya*

322 Immunoreactive-somatostatin concentrations of the human stomach and mood state in patients with functonal dyspepsia: A preliminary case-control study *H. Kaneko, T. Mitsuma, S. Fujii, K. Uchida, H. Kotera, A. Furusawa and K. Morise*

328 Measurement of occult upper gastrointestinal tract blood loss: A direct comparison of radiochromium and haem-porphyrin assay techniques *G. P. Young, D. J. B. St John, N. M. Lynch, J. G. McHutchison and D. Barraclough*

Liver and Biliary

334 Hepatitis D virus infection among prostitutes in Taiwan *J-C. Wu, Y-J. Wang, S-J. Hwang, T-Z. Chen, Y-S. Wang, H-C. Lin, S-D. Lee and W-Y. Sheng*

338 Safety and immunogenicity of hepatitis A vaccine in healthy adult volunteers *Y-C. Horng, M-H. Chang, C-Y. Lee, A. Safary, F. E. Andre and D-S. Chen*

342 The protective effect of pyrroloquinoline quinone and its derivatives against carbon tetrachloride-induced liver injury in rats *T. Tsuchida, T. Yasuyama, K. Higuchi, A. Watanabe, T. Urakami, T. Akaike, K. Sato and H. Maeda*

348 Pertussis toxin-induced redistribution of cortical actomyosin and inhibition of phagocytosis in rat Kupffer cells *M. Hirose, S.Watanabe, T. Ueno, N. Kitami and N. Sato*

353 Combination antiviral therapy controls severe post-liver transplant recurrence of hepatitis B virus infection *P. Angus, M. Richards, S. Bowden, J. Ireton, R. Sinclair, R. Jones and S. Locarnini*

358 Does propranolol maintain post-sclerotherapy variceal obliteration? A prospective randomized study *G-H. Lo, K-H. Lai, S-D. Lee, Y-T. Tsai and K-J. Lo*

Current Clinical Practice

363 Hepatic encephalopathy *D. B. Jones*

Review Articles

370 Antimicrobial therapy and prevention of spontaneous bacterial peritonitis *D. J. Holland and T. C. Sorrell*

375 Epidemiology of precancerous gastric lesions *W-C. You and Y-S. Chang*

383 Obstructed defecation W-M. Sun

Case Reports

390 Portal vein thrombosis associated with prolonged ingestion of oral contraceptive steroids *G. Chu and G. C. Farrell*

394 Whole body oxygen consumption during extracorporeal hepatic resection: Usefulness of continuous monitoring of mixed venous oxygen saturation *T. Kawasaki, K. Irita, Y. Sakaguchi, H. Okabe, H. Okamoto, S. Inaba, H. Inoue, J. Yoshitake and S. Takahashi*

399 Retroperitoneal haematoma due to ruptured microaneurysm of the pancreaticoduodenal artery *T. Fujii, S. Fujinami, Y. Takeuchi, T. Shiro, S. Kitagawa, Y. Fukui, H. Okuno, Y. Kubota, Y. Shiozaki, K. Inoue, M. Uehara and S. Uetsuji*

402 **Notices**

Volume 8 Number 5 September/October 1993

Liver and Biliary

403 Histological findings in asymptomatic hepatitis C virus carriers *T. Kodama, T. Tamaki, S. Katabami, A. Katamuma, K. Yamashita, N. Azuma, K. Kamijo, H. Kinoshita and A. Yachi*

406 Induced gall-bladder contraction accelerates fragment clearance after extracorporeal shockwave lithotripsy *D. J. Ziegenhagen, E. Zehnter, W. Kruis and C. Pohl*

410 Changing prevalence of hepatitis B virus in urbanized Australian Aborigines *F. Patterson, J. Bumak and R. Batey*

414 Nipradilol, a new β-blocker with vasodilatory properties, in experimental portal hypertension: A comparative haemodynamic study with propanolol *S. Um, O. Nishida, M. Tokubayashi, F. Kimura and T. Kita*

420 Immunohistochemical detection of proliferating cell nuclear antigen in hepatocellular carcinoma: Relationship to histological grade *M. Taniai, M. Tomimatsu, H. Okuda, A. Saito and H. Obata*

426 Trimethadione tolerance tests for the assessment of feasible size of hepatic resection in patients with hepatocellular carcinoma *A. Ishikawa, K. Fukao, K. Tsuji, A. Osada, Y. Yamamoto, M. Ohtsuka and E. Tanaka*

433 Risk of liver cirrhosis and hepatocellular carcinoma in subjects with hepatitis B and delta virus infection: A study from Kure, Japan *I. Tamura, O. Kurimura, T. Koda, H. Ichimura, S. Katayama, T. Kurimura and Y. Inaba*

437 Clinical evaluation of serum tissue inhibitor of metalloproteinases-1 levels in patients with liver diseases *D. A. Muzzillo, M. Imoto, Y. Fukuda, Y. Koyama, S. Saga, Y. Nagai and T. Hayakawa*

442 Low prevalence of hepatitis C virus infection in patients with auto-immune hepatitis type 1 *E. Tanaka, K. Kiyosawa, T. Seki, A. Matsumoto, T. Sodeyama, S. Furuta, T. Kumagai and M. Kohara*

448 Elevated growth hormone levels in patients with non-alcoholic chronic liver disease *Y. Ilan, R. Oren and R. Tur-Kaspa*

451 Ultrastructural filament organization of hepatocyte cytoplasm revealed by embedment-free sections of rat liver *A. Keegan and R. Batey*

Alimentary Tract and Pancreas

457 Role of superoxide dismutase in mechanism of diethyldithiocarbamate-induced gastric antral ulcer in rats: Protective effect of prostaglandin, cimetidine and pirenzepine *S-H. Chen, S. Pan, K. Okita and T. Takemoto*

462 Crohn's disease in children from the western region of Saudi Arabia *T. S. Toonisi*

465 Immunohistochemical demonstration of the p53 tumour suppressor gene product in cancer of the pancreas and chronic pancreatitis *C. Soon Lee, M. Rush, D. Charalambous and J. Rode*

Review Articles

470 Natural history of chronic hepatitis B virus infection: New light on an old story *D-S. Chen*

476 Peritoneoscopic cholecystectomy has opened the door to minimally invasive surgery *S. Kitano and K. Sugimachi*

Case Reports

483 Hepatic angiomyolipoma pre-operatively diagnosed by imaging *M. Kudo, T. Okuno, S. Tomita, T. Kajiwara, H. Shirane, N. Usuki and A. Todo*

489 Marked retention of indocyanine green and sulfobromophthalein with chronic persistent hepatitis *K. Ikejima, S. Ichikawa, T. Kitamura, S. Watanabe, M. Hirose, Y. Yokoi, S. Uchida, H. Oide, H. Suzuki, N. Kitami and N. Sato*

495 Small angiomyolipoma of the liver diagnosed by fine-needle aspiration biopsy under ultrasound guidance *N. Yamada, H. Shinzawa, N. Makino, T. Matsuhashi, S. Itasaka, T. Takahashi and S. Fuyama*

499 **Book Reviews**

503 **Notices**

A1 **Abstracts** Gastroenterological Society of Australia, Abstracts for Australian Gastroenterology Week, 9–11 September 1993, Melbourne, Australia

Volume 8 Number 6 November/December 1993

Alimentary Tract and Pancreas

505 Serum α_1-antitrypsin and duodenal ulcer *A. Shahid, A. A. Siddiqui, S. J. Zuberi and M. A. Waqar*

508 Serum interleukin-8 in inflammatory bowel disease *S. C. Jones, S. W. Evans, A. J. Lobo, M. Ceska, A. T. R. Axon and J. T. Whicher*

513 The effect of chilli and its pungent ingredient capsaicin on gastrointestinal transit in the rat *J. Y. Kang, B. Alexander, M. V. Math and R. C. N. Williamson*

Liver and Biliary

517 Immunological responses against an autologous human hepatocellular carcinoma cell line *S. Usuda, K. Yoshizawa, K. Yabu and K. Kiyosawa*

524 Role of the oestrogen receptor in liver regeneration in the male rat *C. Liddle and G. C. Farrell*

530 Pathogenesis of centrilobular necrosis following congestion of the liver *Y. Shibayama, T. Urano, S. Asaka, K. Hashimoto and K. Nakata*

535 Factors useful in predicting the response to interferon therapy in chronic hepatitis C *A. Tsubota, K. Chayama, Y. Arase, I. Koida, S. Saitoh, K. Ikeda, S. Iwasaki, T. Matsumoto, M. Kobayashi and H. Kumada*

540 Cytomegalovirus infection after liver transplantation in children *A. Mellon, R. W. Shepherd, J. L. Faoagali, G. Balderson, T. H. Ong, M. Patrick, G. J. Cleghorn, S. Lynch and R. Strong*

545 Subcortical somatosensory evoked potentials in patients with hepatic encephalopathy caused by severe acute hepatitis *S-S. Yang, N-H. Chu and C-H. Wu*

550 Model-derived assessment of urea appearance in response to alanine infusion: A quantitative measure of liver function in cirrhosis *G. P. Bianchi, G. Marchesini, R. Bolzani, A. Fabbri, E. Sarti and E. Pisi*

557 Evaluation of the maximal excretion rate of indocyanin green as a prognostic indicator in patients undergoing biliary decompression for obstructive jaundice *K. Izawa, M. Sasaki, T. Tomioka, S. Oka, T. Segawa, T. Yamaguchi, T. Tsunoda and T. Kanematsu*

565 Local spread of HDV infection transiently occurring in Japan *E. Iwanami, M. Yano, M. Koga, S. Shirahama and T. Tsuda*

569 A follow up of 53 adult patients alive beyond 2 years following liver transplantation *G. W. McCaughan, E. O'Brien and A. G. R. Sheil*

574 Low prevalences of HBV and HCV infection in patients with primary biliary cirrhosis in Taiwan: A case control study *R-N. Chien, I-S. Sheen and Y-F. Liaw*

577 Endotoxaemia in patients with liver cirrhosis and upper gastrointestinal bleeding: Detection by the chromogenic assay with plasma Tween 80 pretreatment *H. Fukui, M. Matsumoto, C. Bode, J. C. Bode, S. Tsujita and T. Tsujii*

582 Detection of the preneoplastic lesions of small hepatocellular carcinoma in cirrhotic livers *S. Seki, H. Sakaguchi, N. Kawakita, A. Yanai, A. Tamori, T. Yabusako, S. Nishiguchi, T. Kuroki, K. Kobayashi and T. Monna*

Review Article

590 Neuronal nitric oxide in the gut *S. J. H. Brookes*

Case Reports

604 Intestinal pseudo-obstruction, type 1 anti-neuronal nuclear antibodies and small-cell carcinoma of the lung *G. Chu, P. C. Wilson, C. D. Carter, V. A. Lennon and I. C. Roberts-Thomson*

607 Concomitant adenosquamous carcinoma of the common bile duct and early adenocarcinoma of the gall-bladder *N. Hayashi, Y. Yamaguchi and M. Ogawa*

613 A rupture of lung metastasis of hepatocellular carcinoma causing haemothorax *K. Akimaru, K. Miyairi, H. Tanaka, S. Imai, I. Iwase, K. Uchiyama, T. Shibuya and T. Shoji*

616 **Book Reviews**

619 **Notices**

620 **Referees**

622 **Author index**

626 **Subject index**

Volume 8 Supplement 1 1993

The Third International Symposium on Viral Hepatitis and Hepatocellular Carcinoma. Taipei, Taiwan, ROC, 5–8 December 1991

v **Preface**

vi **Organization of The Third International Symposium on Viral Hepatitis and Hepatocellular Carcinoma**

Review Articles

S1 Epidemiology and clinical aspects of hepatocellular carcinoma *K. Okuda*

S5 The functions of the p53 gene and gene product *R. S. Quartin and A. J. Levine*

S12 Mutant hepadnaviruses and hepatocellular carcinoma *M. C. Kew*

S14 The protooncogene *c-jun* is transactivated by the *X* protein of hepatitis B virus and highly expressed in liver cancer *W. S. Robinson, J-S. Twu, M-Y. Lai and D-S. Chen*

S17 Expression of multidrug resistance (P-glycoprotein) gene in liver cancers *M. Tien Kuo, L. D. Teeter, S. Curley and H-C. Hsu*

S21 Vaccines against hepatitis A and B *M. R. Hilleman, G. B. Calandra, T. M. Hesley, D. R. Nalin, J. L. Ryan and D. J. West*

Special Articles

S27 Hepatitis B vaccination in Hong Kong *A. S. F. Lok*

S30 Hepatitis B vaccination in Thailand *T. Chainuvati*

Original Articles

S33 Use of recombinant HCV antigen in the serodiagnosis of hepatitis C virus infection: Significant improvement in HCV antibody detection as compared with the first generation HCV C100-3 ELISA and the synthetic peptide EIA tests *D. Y. Chien, Q-L. Choo, A. Tabrizi, C. Kuo, J. McFarland, K. Berger, C. Lee, J. R. Shuster, T. Nguyen, D. L. Moyer, M. Tong, S. Furuta, M. Omata, C. T. Fong, G. Tegtmeier, H. Alter, E. Schiff, L. Jeffers, M. Houghton and G. Kuo*

S40 Quantitative analysis of hepatitis C virus RNA by competitive nested polymerase chain reaction *K. Chayama, A. Tsubota, Y. Arase, S. Saitoh, K. Ikeda, Y. Sakai, T. Matsumoto, M. Kobayashi, M. Unakami, T. Morinaga and H. Kumada*

S45 Translational regulation of hepatitis B viral gene expression *S. J. Lo, S. Y. Sheu and C-G. Lin*

S54 Expression and stability of the hepatitis B pol protein in *Escherichia coli C-G. Lin, L-R. You and S. J. Lo*

S59 Different processing of bile canalicular antigen in well and poorly differentiated human hepatoma cell lines *J-H. Chiu, C-P. Hu, W-Y. Lui, H-M. Chang and C. Chang*

S66 Variations in nucleotide sequence of the 5′ untranslated region of hepatitis C viruses *C-H. Lee, C. Cheng, J. Wang and L. Lumeng*

S70 Classification of hepatitis C virus into subgroups on the basis of sequence variations in the envelope protein *H. Hada, N. Koide, T. Hanafusa, H. Takabatake, K. Sakaguchi, T. Shinji, S. Sasaki, T. Oka, N. Takayama, Y. Yumoto and T. Tsuji*

S75 Analysis of the status of hepatitis B virus DNA in peripheral blood mononuclear cells of chronic hepatitis B patients *F-H. Wong, Y-F. Liaw, C. Hu, Y. Chao, C. Chang and C. C. Pao*

S80 Hepatitis B virus antibody escape mutant from Singapore *T. J. Harrison, T. Valliammai, E. A. Hopes, C. J. Oon and A. J. Zuckerman*

S83 Multiple risk factors of hepatocellular carcinoma: A cohort study of 13 737 male adults in Taiwan *C-J. Chen, M-W. Yu, C-J. Wang, H-Y. Huang and W-C. Lin*

S88 Acute post-transfusion hepatitis C in Taiwan: Evaluation of two generations of hepatitis C virus diagnostic enzyme immunoassay *S-D. Lee, S-J. Hwang, Y-T. Tsai, R-H. Lu and K-J. Lo*

S92 A randomized controlled clinical trial of recombinant interferon α-2b in the treatment of acute post-transfusion hepatitis C: A preliminary report *S-J. Hwang, S-D. Lee, Y-H. W. Lee, J-C. Wu, C-Y. Chan, Y-S. Huang, Y-J. Wang and K-J. Lo*

S99 Hepatitis B vaccine trial in neonates *K-J. Lo, S-D. Lee, Y-T. Tsai, T-C. Wu, M-Y. Yu, Y-J. Wang and C-Y. Chan*

S103 Assay of HCV-related antibodies and their consequent changes following interferon treatment *M. Mizuno, M. Mizokami, E. Orito, K. Ohba, K. Fujii, K. Suzuki, H. Tokuda, M. Narita, T. Ohno, M. Yamauchi, Y. Hirashima, T. Nakano, M. Ogino and M. Yamamoto*

S110 Regulation of core promoter hepatitis B virus *C-H. Yuh and L-P. Ting*

S114 Hepatitis B core antigen forms oligomers and complexes with the *p* gene product in hepatitis B virus core particles *K-S. Jeng, C-P. Hu and C. Chang*

S119 Increased sister chromatid exchange frequency in peripheral lymphocytes of hepatocellular carcinoma patients *L-Y. Wang, S-J. Huang, Y-F. Liaw and C-J. Chen*

S123 Implications of isolated HBsAg positivity: Hepatitis B virus variant and immune incompetence *J-S. Wu, S-L. Nii, W-H. Chou, L. Sheu, W-T. Liu, C-Y. Chen, B-H. Tang and C-F. Lu*

S128 Hepatitis B virus infection and hepatocellular carcinoma in Senegal: Prevalence and prevention *P. Coursaget, D. Leboulleux, B. Yvonnet, M. Soumare, P. Le Cann, M. T. Diop, O. Bao, J. P. Chiron, A-M. Coll-Seck and I. Diop-Mar*

Volume 8 Supplement 2 1993

S135 **The Second International Conference of Gastroenterology. Hong Kong and Chengdu, China, 27–29 August 1993 (Hong Kong), 30 August–2 September 1993 (Chengdu)**